

# MANOJ KUMAR PINNIBOYINA

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## CAREER OBJECTIVE

Seeking an IT position that values continuous learning and professional development, allowing me to stay with current industry trends and best practices. I am seeking a competitive and challenging environment where I can serve your organization and establish a career for myself.

## EDUCATION

Course	College & Institute	Year	Percentage
BTech (AI&ML)	Andhra Engineering College	2025	78%
Board of intermediate	Dr. BSR Junior College	2021	95%
Secondary Education	Vikas High School	2019	97%

## SKILLS

**Programming** : HTML, CSS, JavaScript, Java, OOPs, SQL.

**Tools and IDEs** : Vs code, GitHub, Eclipse.

**Soft Skills & work** : Problem-solving & Debugging, Communication & teamwork and collaboration.

**Advance skills** : SDLC, Software Troubleshooting and etc.,

## PROJECTS

### Main Project: Eye Ball Cursor Movement using OpenCV

A technique that allows users to control a computer cursor using their eye movements. By tracking of cursor trough eye movements (i.e., left, right), we can control the mouse.

*Working:*

1. **Eye Tracking:** A webcam or other eye tracking device captures images of the user's eyes.
2. **Pupil Detection:** Specialized software, often using libraries like OpenCV, analyses the images to detect and track the position of the user's pupils.
3. **Cursor Movement:** The software translates the pupil movements into cursor movements on the computer screen.
4. **Actions:** The user can then perform various actions by looking at specific elements on the screen (e.g., clicking, selecting text).

**Applications:** 1. Accessibility 2. Gaming and VR 3.Smart Interfaces etc.,

## **CERTIFICATIONS**

Completed NPTEL SWAYAM online course in Cloud Computing with 75% aggregate .

Successfully completed Core java Basic Internship Program (2 months) at Mopuri Solutions.

## **STRENGTHS**

Quick learner and being adaptable to new environments.

Positive attitude with better communication skills.

## **HOBBIES**

Reading novels, Sport , Cooking

## **LANGUAGES**

English, Telugu